



HI-Q

THE LAKEHEAD AMATEUR RADIO CLUB JOURNAL

LARC, Suite 184, 1100C Memorial Ave., Thunder Bay, Ontario, Canada, P7B 4A3

The Executive of the Lakehead Amateur Radio Club wish to apologize to the following people who were missed in the last printing of the Members list:

Laurie Bridgett, VE3BCD

Ray Forslund, VE3EDZ

From: RAC Headquarters

Date: April 17, 1999

**Subject: RAC establishes new VHF/UHF
Bandplanning Committee**

President Pat Doherty has approved a new VHF/UHF Bandplanning Committee to advise on revisions and improvements to RAC bandplans covering the spectrum from 29 MHz to 1300 MHz. The committee will prepare interim band plans after consulting with amateurs across the country. These plans not only take into account the wishes of Canadian amateurs, but are also co-ordinated with band usage in other countries through membership in the International Amateur Radio Union. The new advisory committee will be chaired by Graham Ide VE3BYT of Ottawa Ontario, E-Mail: graham@igs.net On his committee, Graham will have the following representatives from across Canada. Clarence Humber VE1HD, Jack Belrose, VE2CV, Barry Bergstrom, VE6MK Jean-Guy Renaud, VE2AIK, Bill Tracey, VE7QQ. If you wish to have an input to the planning process, please get in touch with the committee member nearest to you. The committee will report to President Pat Doherty through Vice President International Affairs, Ken Pulfer VE3PU. Guy Charron VA3FZA
Bulletin Editor
Radio Amateurs of Canada
Email: va3fza@rac.ca
Packet: va3fza@ve3kyt
WWW: www.rac.ca

E-mail Hoax !

There was an e-mail warning regarding a proposed charge from Canada Post for every e-mail you sent. This charge was said to recover the revenue Canada post has lost due to the new e-mail service everyone is using, as if man, since when is Canada Post an "Internet Provider" think about it.. I don't know how many people passed on this info, the list I was on was pretty long. De "Old One Boot"

Check out the RAC web page

Something New

Go to www.rac.ca and check out the new web page, some new stuff. I thought the new link to *morse code practice midi's* was great, especially for new comers to Morse Code. 73 de Old One Boot.....

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1998/1999 LARC**Founding President**

P. J. (Pat) O'Shea VE3FW

LARC maintains the Club call VE3FW
to honour the memory of our first
President Mr. Pat O'Shea.

Senate

Bill Roberts VE3ARN
Keith Fiske VE3JQ
Ray Greer VE3CH
Bill Klemacki VE3AJ
Dave Kimpton, VE3AVS

Executive Board

President:	Ian Mellis	.....	VA3RIM	.....	577-1628
Vice Pres:	Ed Baumann	.....	VE3SNW	.....	622-1216
Secretary:	Norm Bell	.....	VE3XRC	.....	577-9316
Treasurer:	Jan Sokolowski	.....	VA3JRS	.....	344-3222
Directors:	Andy Malcolm	.....	VE3INI	.....	345-1858
	Eric Todd	.....	VE3XET	.....	626-9720
	Bob Hanson	.....	VE3RVA	.....	767-6924
	Pat Pugh	.....	VA3PP	.....	345-8562
Past Pres:	Terry Stewardson	....	VE3TKA	.....	577-9439

Appointments

Hi-Q Editor: Wayne Letang VA3WRL 344-9759
Emergency Coordinator: Randy Gottfred, VA3GOT.....939-2310

Club Repeaters

VE3YQT 147.060 - OFFSET
VE3TBR 146.820 - OFFSET

Next Meeting

May 13th 1999

Meetings are held at 7:30 pm every second Thursday of each
month at Confederation College in room 207B in the
McIntyre Building.

Minutes of a Meeting of the Lakehead Amateur Radio Club held in Room 207B at Confederation College, Thunder Bay, Ontario on April 8, 1999

The meeting was called to order at 7:30 pm by the Vice
President VE3SNW, Ed Baumann with 18 members and
guests in attendance.

Guest Speaker: VE3XET, Eric Todd introduced the guest
speaker who was Steve Bachanek, Manager of the Ministry of
Health's Central Ambulance Dispatch for the Thunder Bay
District. Steve has a good working knowledge of amateur
radio, although not an amateur himself. He started out his

career in communications as a signals officer in the Canadian
Armed Forces serving at several bases in Canada as well as
overseas. After leaving the army, he spent 5 years as a police
officer in the town of Gloucester. This gave him first hand
experience working with civilian communications systems.
Having a solid background in communications, he applied for
and got the job he now holds here in Thunder Bay. When he
first came here, there was no standard communications system
in place. The Thunder Bay centre covers Ignace to the west,
Marathon, Manitouwadge, and the Geraldton-Longlac area to
the east. A system of towers was put in place in 1985. Rural
fire departments and first response units are also hooked into
this system and are dispatched from the Thunder Bay Centre.
Steve is well aware of the role amateur radio plays in disaster
situations.

Minutes of the previous meeting:

The minutes of the previous meeting held March 11, 1999
were published in detail in the April edition of "HI-Q" and
distributed to all members.

Motion: moved by VA3JRS, Jan Sokoloski and seconded by
VA3PEP, Carl Storry that the minutes be accepted as
distributed. **Carried.**

Correspondence: -letter from the C.N.I.B. Amateur Radio
Program

Treasurer's Report: VA3JRS, Jan Sokoloski

Balance as of February 28, 1999	\$ 2,906.64
Income:	
Bank Interest	0.27
Stale dated cheque	13.11
Membership Dues	160.00
Class Fees	115.00
Annual Dinner	50.00
Vest	25.00
50/50 Draw	<u>13.00</u>
	376.38
Expenses:	
Administration	199.49
Repeater Maintenance	48.11
Telephone	69.01
Bank Service Charge	3.00
Mail Boxes Etc.	<u>39.24</u>
	358.85

Balance as of March 31, 1999 \$2,924.17

Motion: moved by VA3XRM, Rod McLeod and seconded by

Don't miss a single copy of HI-Q. Send your change of address notice to the Club.

Lakehead Amateur Radio Club History Project

VA3MOB, Moe Bell that the Treasurer's Report be accepted.
Carried.

Old Business: none

Reports:

-Equipment: VE3INI, Andy Malcolm said that there is a preliminary proposal of a possible repeater expansion to the west through Environment Canada.

-Field Day: VE3RVA, Bob Hansen has a generator booked for field day.

New Business:

-C.N.I.B. Amateur Radio Program: moved by VA3JRS, Jan Sokoloski and seconded by VE3AJ, Bill Klemacki that the Lakehead Amateur Radio Club donate \$ 100.00 to the C.N.I.B. amateur Radio Program. **Carried.**

50/50 Draw: was won by VE3HZW, Mike Wolowich.

Adjournment: moved by VA3XRM, Rod McLeod that the meeting be adjourned.

Please bring this motion to the floor of the next meeting.. I doubt that I will be present. Will someone second the motion please? Thanks very much. Dave, VE3AVS.

WHEREAS the Monday Night mini-net has seen no controller on several occasions, and **WHEREAS** the number of check-in's is usually fewer than five, and **WHEREAS** the automatic voice announcement could therefore be misleading to visiting hams to the city and an embarrassment to our Club, therefore It is moved that the Monday night mini-net be discontinued effective April 12th and the voice announcement be also removed from VE3YQT.

From: RAC Headquarters

Date: March 31, 1999

Subject: RAC NTS Sponsors New Award

RAC National Traffic System Sponsors New Award
Following the precedent set by the American Radio Relay League, Radio Amateurs of Canada announces the availability to Canadian radio amateurs of the new RAC National Traffic System Message Origination Award. This new award is designed expressly for neophyte traffic handlers, and is available on a one-time-only basis. To obtain one, Canadian radio amateurs must show proof of having ORIGINATED (not merely transmitted) at least four properly radiogram-formatted National Traffic System messages in a one-month time frame. Amateurs seeking the new National Traffic System Message Origination Award are encouraged to contact their Section Manager and/or Section Traffic Manager for further details as to local implementation procedures for obtaining this prestigious new NTS award. Current Section Manager address and contact information are listed in The Canadian Amateur and on the RAC web site at <http://www.rac.ca> It will be up to the amateur to determine who his SM/STM is, and how to provide him or her with the necessary proof. To obtain this certificate, the SM or STM must check the information provided by the applicant and notify me, at which point, I will issue the certificate and mail it directly to the applicant.

Pierre Mainville, VA3PM
RAC Field Services Manager
Guy Charron VA3FZA
Bulletin Editor
Radio Amateurs of Canada
Email: va3fza@rac.ca
Packet: va3fza@ve3kyt
WWW: www.rac.ca

FORSALE - large quantities of materials for producing single sided PCB boards such as: etching solution, positive developer concentrate, positive photosensitive boards (about 4 inches by 12 inches), various widths of black tape, "pencil-over" PCB pads, IC pads, transistor pads, etc. Call Dave VE3AVS for bargain-basement spring clean- out one-time only price!!! (344-8949) I would also consider donation to LARC if a member wishes to take responsibility for this material.

Interesting Web Sites

www.reef.atmos.colostate.edu/drummond/GLSHIPS/latest03.html#WZE4928 (Where ships on the Great Lakes are !)

ARAC- www.cp.duluth.mn.us/~prestige (Arrowhead Amateur Radio Club)

TWO-METER REPEATERS

Upper Peninsula Repeaters
Keweenaw County Repeater Association

(BESSEMER) BSMR 146.760
(CALUMET) CLMT 147.315 +
(DAFTER) DFTR 147.210 +
(ESCANABA) ESCN 147.150 +
(GAASTRA) GSTR 145.290
(HANCOCK) HNCK 146.880
(HESSELL) HESL 146.640
(IRON MTN) IRMT 146.850
(IRON RVR) IRRV 145.170
(ISHPEMING) ISHP 146.910
(L'ANSE) LNSE 146.670
(MANISTIQUE) MSTQ 146.790
(MARQUETTE) MRQT 146.970
(MARQUETTE) MRQT 147.270 +
(MENOMINEE) MENO 147.000 +
(NEWBERRY) NWBY 146.610
(WHITE PINE) WHPN 147.300 +
(WINONA) WINO 146.730

From -- The ARRL Letter Vol. 18, No. 16 April 16, 1999 SWATCH BEATS AWKWARD RETREAT: SPUTNIK WON'T FLY

Swatch Watch says the "Beatnik" satellite will not be sent into space today from the Russian Mir space station as planned. The watchmaker says "a virtual Beatnik" will carry the messages in cyberspace instead and invited "Beat" fans to "stay tuned and join the first cybermission!" At the same time, both the Associated Press and Reuters are reporting that a satellite was launched by hand from Mir during a space walk

by ESA astronaut Jean-Pierre Haignere, FX0STB, and Russian cosmonaut Viktor Afanasyev. If the reports are accurate, it's not clear whether the satellite launched was the planned "Beatnik" spacecraft or a spare mini-Sputnik that's been aboard Mir since 1997. Reuters said the satellite was one "built by French amateur radio enthusiasts." The report quotes Russian space center spokeswoman Vera Medvedkova as saying, "It is finished. They launched the satellite." AP said the satellite put into space was one "made by Russian and French schoolchildren" that contained "a recording of their voices." The spare mini-Sputnik aboard Mir--a duplicate of the one launched in 1997 to mark the 40th anniversary of the original Sputnik--is believed to contain only a 2-meter beacon transmitter. As of April 16, there have been no monitoring reports. Swatch announced early April 16 on its Web site, <http://www.swatch.com/beatnik/frameset.html>, that the controversial messages the satellite was to have transmitted on the 2-meter amateur band would instead be read by a Russian cosmonaut aboard Mir during an April 22 videoconference, to be broadcast via the Internet. The controversial messages, gathered via the Swatch Web site, related to the Swatch company's campaign to establish the "Swatch Beat" as a new "global concept of time." Swatch had solicited more than 5000 messages--including voice and text files--for possible transmission on the new satellite. Messages selected for use were supposed to include a reference to the "beat" theme. But Amateur Radio operators around the world, citing international regulations, protested the plans because of their commercial connection. Swatch pinned the blame for cancellation of its Beatnik satellite on the recent failure of the Luch 1/Gelios satellite the Mir crew uses for communication with Earth. "Swatch has decided to assist the Spaceflight Control Centre and donate the batteries supporting the Beatnik satellite to the Mir cosmonauts, thus cancelling the possibility of any radio transmission from space," Swatch said in a brief statement on its Web site. Full-page Swatch ads in today's New York Times and Los Angeles Times to announce the change in plans expand on the battery swap explanation. According to the Times ads, cosmonauts will use the batteries to run an onboard printer "which is the lifeline to earth through which the Cosmonauts receive their daily instructions and key operations points." The Luch-1/Gelios, the only geostationary satellite available for Mir communications, suffered a technical failure April 12. Just how the nonrechargeable batteries now in the mini-Sputnik aboard Mir would remedy the Luch-1/Gelios satellite failure was unclear from the Swatch posting. The ARRL weighed into the Beatnik satellite controversy April 7 by suggesting to Swatch Group CEO Nicolas E. Hayek that the Swiss firm cancel the launch and use a commercial satellite for its project instead. Sumner noted that international

regulations define the amateur service as one engaged in by "duly authorized persons interested in radio technique solely with a personal aim and without pecuniary interest." Although Swatch asserted the messages were not advertising, Sumner pointed out to Hayek that the commercial nature of the arrangements to transmit the messages on amateur frequencies was contrary to international law. "I think this was a new thought to him, frankly, because this is not the way they had been viewing it," Sumner said. It's not yet known what will become of the mini-Sputnik itself. The satellite had arrived on Mir aboard a Progress rocket April 4 and was set for launch April 16 during a space walk.

PRESS RELEASE

Happy99 is dead!

The mild mannered, WordPerfect guru, MWO (Ret.) Brien James O'Brien, CD, in a isolated village in Canada's remote northern region, worked steadily with unbridled passion through the dark hours with one goal in mind. Oblivious to the personal danger and solely in the interest of the safety and well being of his avid readers he had to rid his computer of a corrupt and vile worm programme before it could inflict devastation on his unsuspecting public. When asked by your reporter, how he managed to defeat the menace, he described his heroic engagement... He was quick to point out that he was not entirely alone in his endeavour. He did have help. The alarm was first raised by Wayne - VA3WRL when he reported to Mr. O'Brien the presence of the Happy99 worm. Wayne also alerted Ed - VE3SNW. Ed jumped into the fray by providing an apparently straight forward five step procedure to manually eradicate the menacing Trojan. Affixed here for the benefit of mankind are the pertinent instructions as revealed to Mr O'Brien by the local computer sage, Ed - VE3SNW: The attachment Happy99.exe is a trojan or worm program and is not a true virus. It is not dangerous but it is very annoying to your email recipients. It opens up a screen saver that shows fireworks, but it also modifies some files to attach itself to the emails you send from that time onward.

Here is how to get rid of it. This information is from the Symantec Antivirus Research Center. If you receive the attachment happy99.exe (alias trojan, happy99, I-worm, happy) do not open it, delete it immediately. Removing the worm manually:

1. Delete WINDOWS\SYSTEM\SKA.EXE

2. Delete WINDOWS\SYSTEM\SKA.DLL
3. In WINDOWS\SYSTEM\ directory, rename WSOCK32.DLL to WSOCK32.BAK
4. In WINDOWS\SYSTEM\ directory, rename WSOCK32.SKA to WSOCK32.DLL
5. Delete the downloaded file, usually named HAPPY99.EXE

Note: Windows prevents you to do step #3 and #4 above if the machine is still connected to the Internet. The file "windows\system\wsock32.dll" is used whenever the machine is connected to Internet (i.e. through dial-up or LAN connection).

Under normal circumstances these instructions would suffice, in this case however, because of an even more common and a more formidable adversary (known by many computer users worldwide as "Microsoft Windows") a far more gruelling and potentially catastrophic task lay ahead for Mr O'Brien. He also admitted his own actions may have contributed to the problem and actually made the recovery procedure more difficult. To fully comprehend the circumstances under which Mr. O'Brien had to work we must first understand his computer's current operating system configuration. In his first attempts to annihilate loathsome worm he understandingly installed McAfee VirusScan Ver 4.01 and performed a scan to detect and remove Happy99. When no viruses were found he concluded that McAfee needed an update. His efforts to obtain the urgently needed files met without success because of repeated data transfer failures. Each attempt ended with the frustrating and obscure message "... remote terminal disconnected." To occupy his time while waiting for Internet overload to subside he set about configuring VirusScan's schedule. Considering his penchant for E-mail it seemed prudent to enable E-mailScan. When he checked the box he the ubiquitous Windows virus challenged him by displaying the "Choose a Profile," dialog box. The only option available was the obscure "Corel Settings". Despite his vast knowledge of some applications, his understanding of the deep, dark secrets buried in the operating system is very limited. He was at a loss as to how to respond. Fearful of the consequences of an incorrect reply, he simply clicked Cancel. By doing so he readily admitted his shortcomings and acknowledged the supremacy of Mr. William Gates, the world's most successful purveyor of seemingly innocent software. Windows was not yet finished with Mr. O'Brien. What had started as a minor altercation between friends now took an abrupt turn and Mr. O'Brien realized he was engaged in a full scale war. He was completely unprepared for the ruthlessness of the attack. Windows pounced upon the hapless computer user. Assuming full control of the computer Windows warned Mr O'Brien that, "McAfee failed to logon to your MAPI mail system." Oh! the

ferocity of the onslaught! Did Windows not know mercy? The significance of the warning was not lost on Mr. O'Brien. Windows was firmly established and had called up his reserve troops -- henceforth, the dialup facility would be active immediately following bootup and step 3. above would be irrevocably denied. He was only permitted to delete the first two files named above. Success was wrenched from his grasp when it was so close, the defeat was humiliating. Frustrated and exhausted, the long continuous combat finally took its toll, Mr O'Brien succumb to hunger and fatigue. He fell into a fitful sleep. Visited by demons of a past life where computer monitors merely displayed monochrome lines of characters and the now familiar flying window was thankfully absent, he saw a screen simply illuminated with the cryptic and yet comforting, "C\:". Archaic syntax entered his dream like unconscious mind. Then true restorative sleep enveloped him. Long after sunrise, he shook the clouds from his head, fortified himself with 12 ounces of yesterdays' warmed again coffee and approached the computer monster with renewed vigor. Confidently he booted the machine and while Windows still slept he pressed F-8! He could hardly contain his jubilation, there on the screen was his former foe and now new ally -- DOS. With strength of purpose he pushed his advantage and renamed two files and deleted a third. (See steps 3., 4. and 5. above.) Satisfied that the worm had been defeated, he now was uncertain how to resume the bootup. He then realized Windows was still asleep and could not pose any threat. He simply shut off the power source. When rebooted, Windows still displays the "Choose a profile," dialog box, but that can now be dealt with in slow time. He tested for the presence of the trojan by sending a test message to himself. When it arrived without a Happy99.exe attachment he decided to celebrate with a fresh pot of coffee. Mr. O'Brien is aware the major battle is still before him and will prepare for his next engagement by learning about Linux. A cease fire is in effect now in his struggle with Windows. Stay tuned for updates...
END Jim Obrien, VE3UA

Artificial intelligence is no match for natural stupidity.

Date: 23 April, 1999 Subject: DARF seeks donations

Defence of Amateur Radio Fund seeks your donations. DARF, the Defence of Amateur Radio Trust Fund, was set up many years ago to help cover the expenses of Canadian Amateurs attending World Radio Conferences to protect our interests. Bill Wilson, VE3NR, has agreed to act as spokesperson for DARF, and to head up the appeal for funds for WRC 2000. Bill, who retired a few years ago from a senior position in Industry Canada, has had much experience on the international scene, and during his working career, attended several World Radio Conferences. You may recognize Bill as the 1998 recipient of Membership in the Canadian Amateur Radio Hall of Fame. He is well placed to undertake this task on behalf of all Canadian Amateurs.

Guy Charron VA3FZA

Bulletin Editor Radio Amateurs of Canada

Email: va3fza@rac.ca

Packet: va3fza@ve3kyt

WWW:www.rac.ca

For Sale Crank with Tower

Crank up tower ! For more details contact Chris Chadwic, VA3TBA at cchadwic@air.on.ca or on VE3YQT Repeater..146.060 -offset

Tnx agn everyone for all the input for HI-Q

If anyone has anything for the news letter please submit by the 25th of each month, this gives me ample time to edit, etc. My mailing address is:

Wayne Letang, VA3WRL

366 Markland St.

Thunder Bay, Ontario, Ca.

P7B 2J1

e-mail: wletang@tbaytel.net

807-344-9759

807-344-8847

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